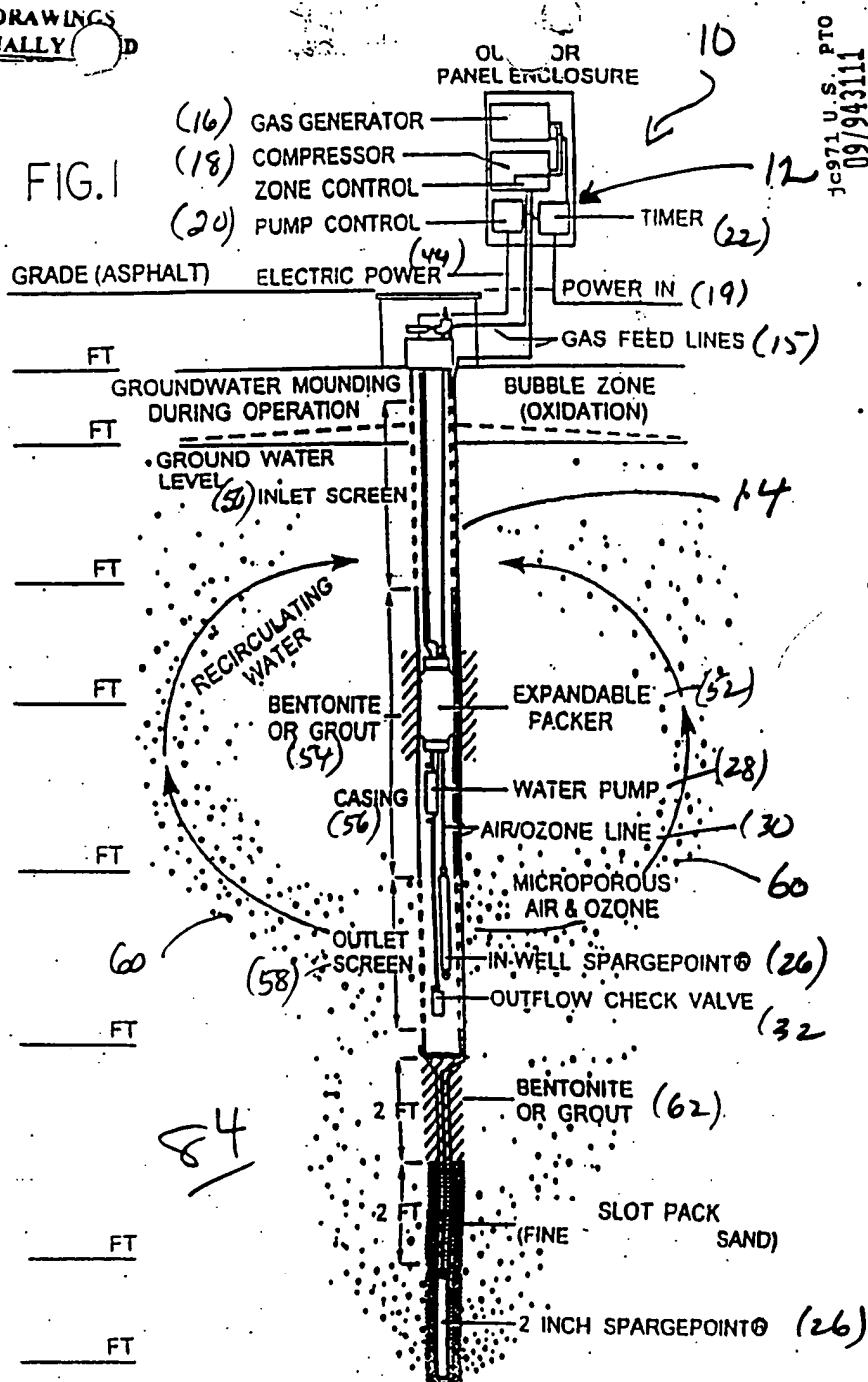


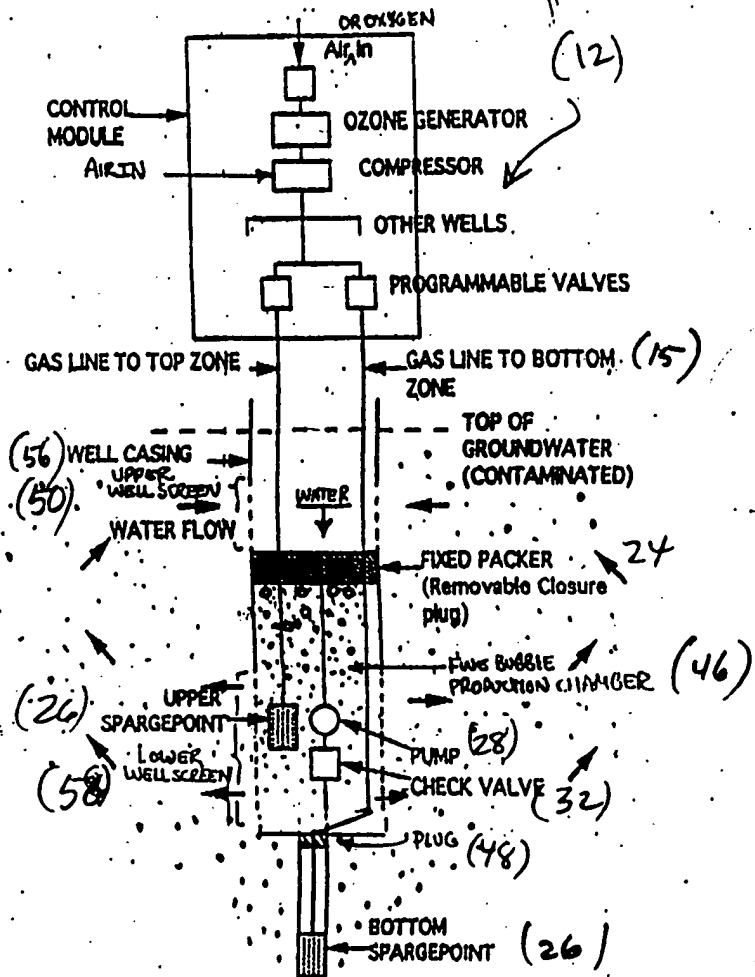
FIG. 1

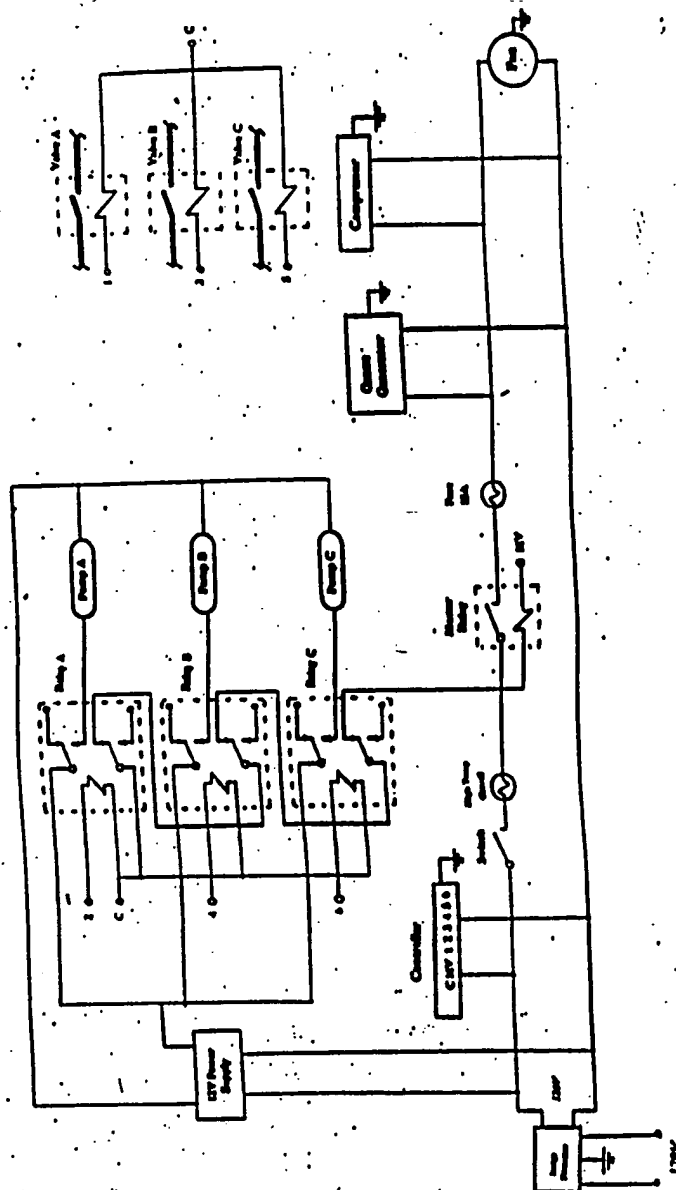


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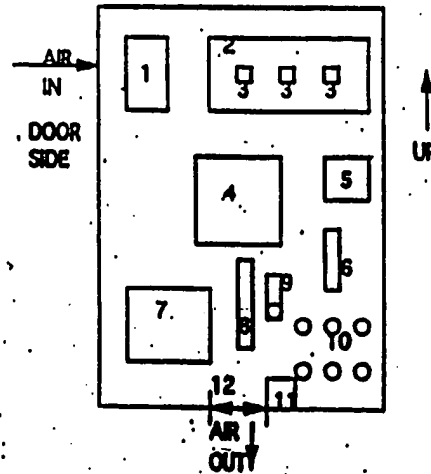
FIGURE 2





**FIGURE 3**

FIGURE 4.



1 AC to DC Power Converter(or trickle charged lead acid battery)

2 Ozone Generator

3 Well Gas Relays (3 wells shown)

4 Compressor

5 Master Relay

6 15 A Main Fuse

7 Programmable Timer-Controller

8 Power Strip

9 Gas Regulator & Pressure Gage

10 Solenoid Manifold(Number depends on Series & Number wells)

11 Ground Fault Interruptor

12 Cooling Fan

FIGURE 5A

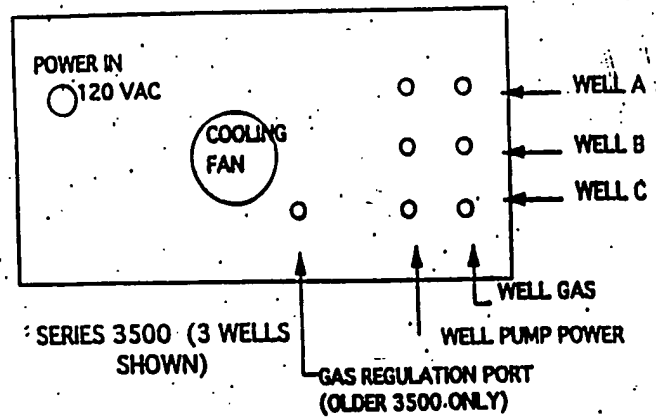


FIG. 5B

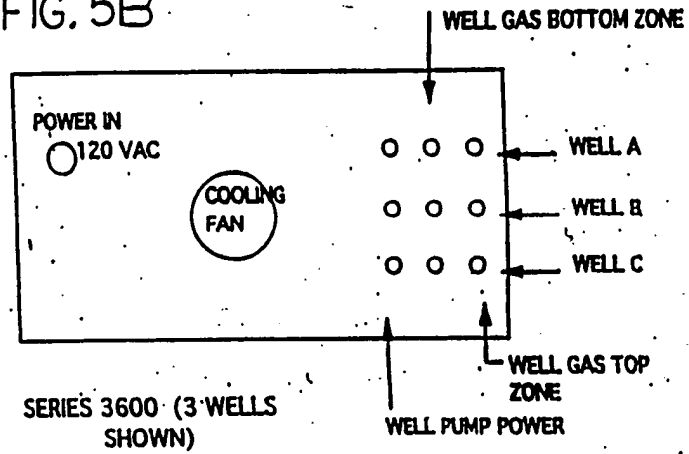
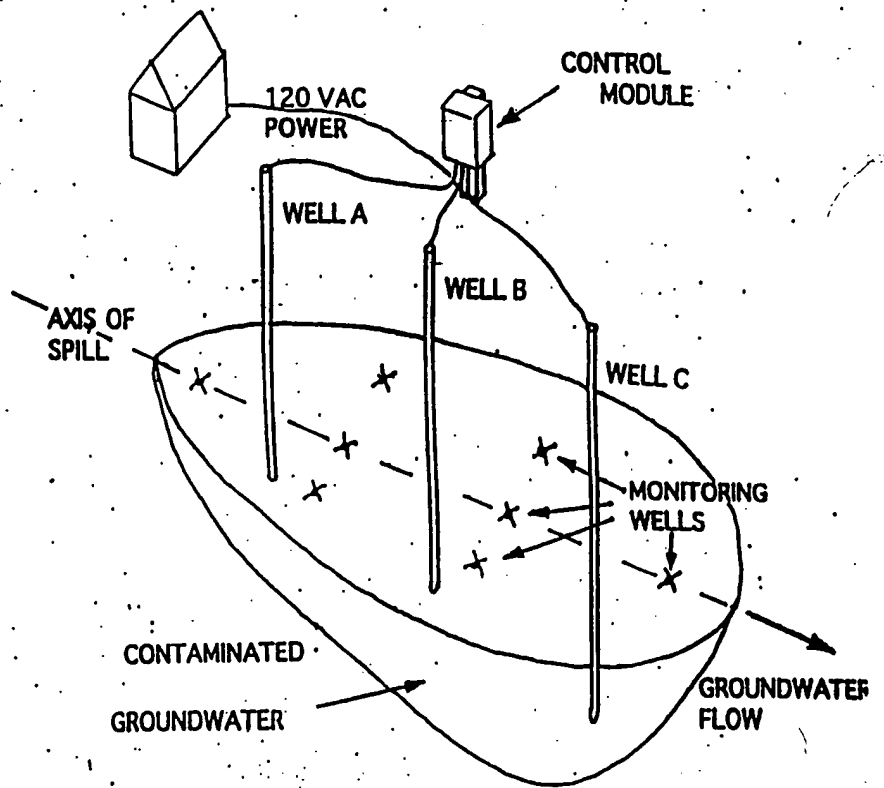


FIGURE 6 C-SPARGER™ SYSTEMS - TYPICAL  
REMEDATION SYSTEM CONFIGURATION



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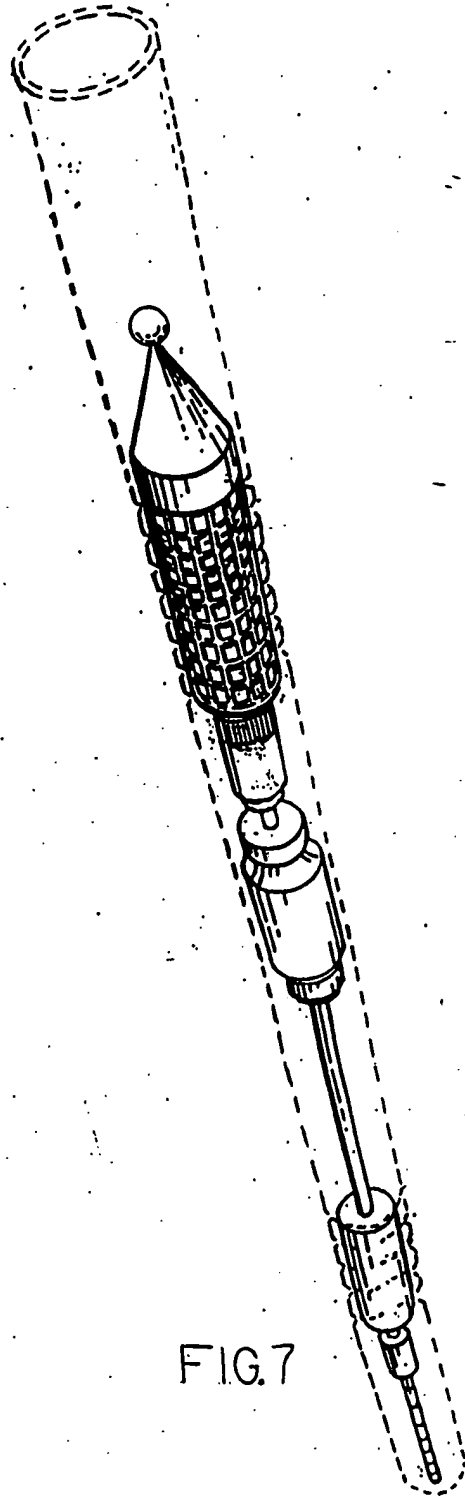


FIG. 7



FIG. 8

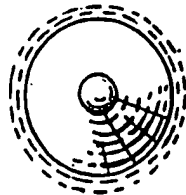


FIG. 9

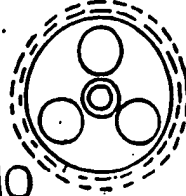
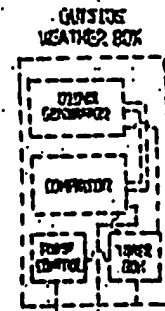


FIG. 10



POWER IN

000000-000000

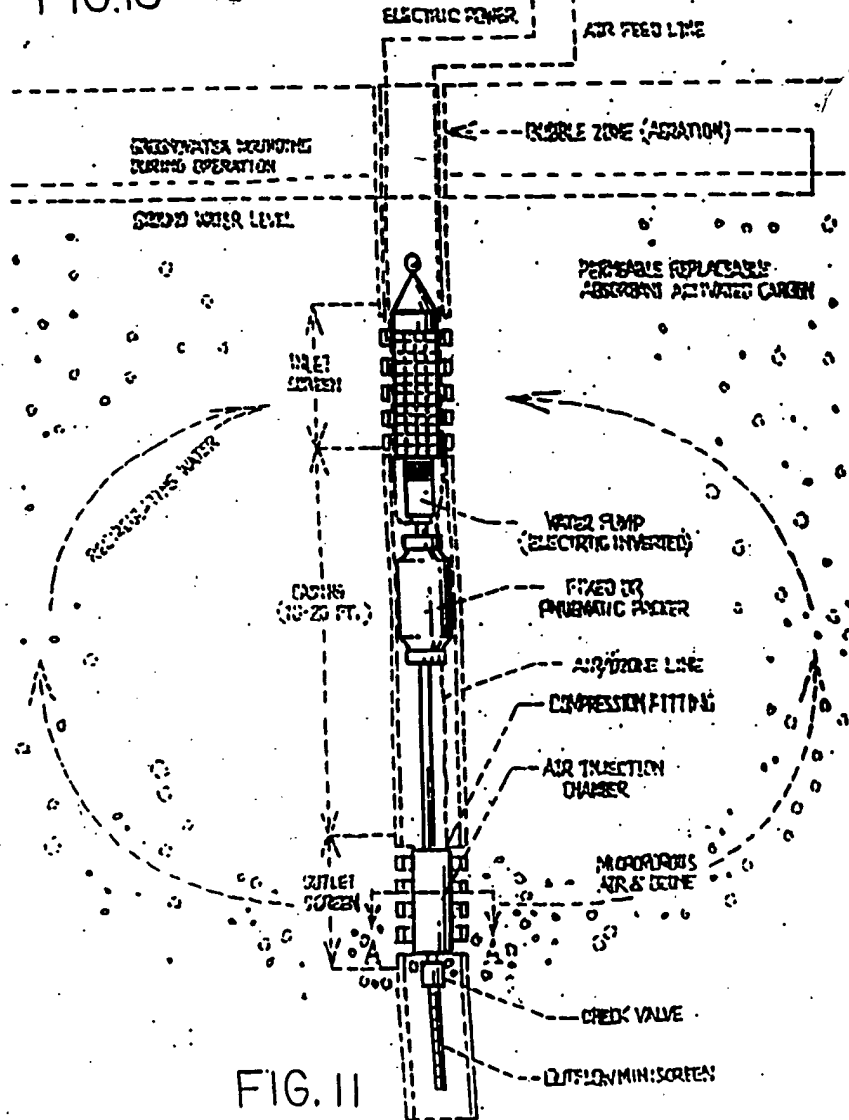


FIG. 11





TABLE 1 C-SPARGER™  
MODEL SERIES 3500 & 3600 SPECIFICATIONS

	3500 Series	3600 Series
<b>CONTROL MODULE</b>		
External Power	120V AC, 15 amp	120V AC, 15 amp
Well pumps Power	12V DC, power converter *	12V DC, power converter *
compressor	3/4 hp (not for continuous service)	3/4 hp (continuous OK)
Ozone Generator	ATS-250	VCX-2
Gas tubing	1/4 in.	3/8 in.
Box Size	28"x 20 x 11"	33"x 25 x 12"
Approx. Wt Control Mod.	73 lbs (M-3503)	100 lbs (M-3603)
Pump/gas Line Length (1 for each well)	100 ft.	100 ft.
<b>IN-WELL UNIT (Each well)</b>		
Fixed Packer	4-6 in.	4-6 in.
Spargepoint™ Top	1 in.	1 in.
Bottom	2 in.	—
Water Pump	XP-30ft	XP-30 ft.
Inlet & outlet Screens	10-20 slots/ft	10-20 slots/ft
Check valve, water	one, 1/4 in.	one, 1/4 in.
Timer/Controller	PSCZ-600Z	PSCZ-900Z

\* current production, earlier units used a trickle charged lead acid battery

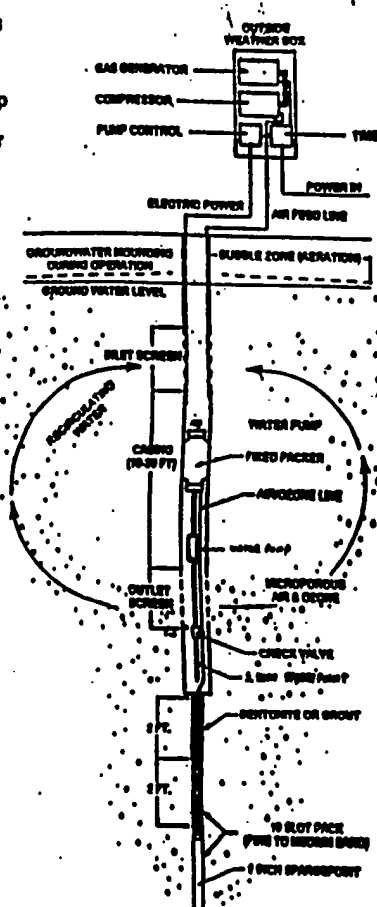
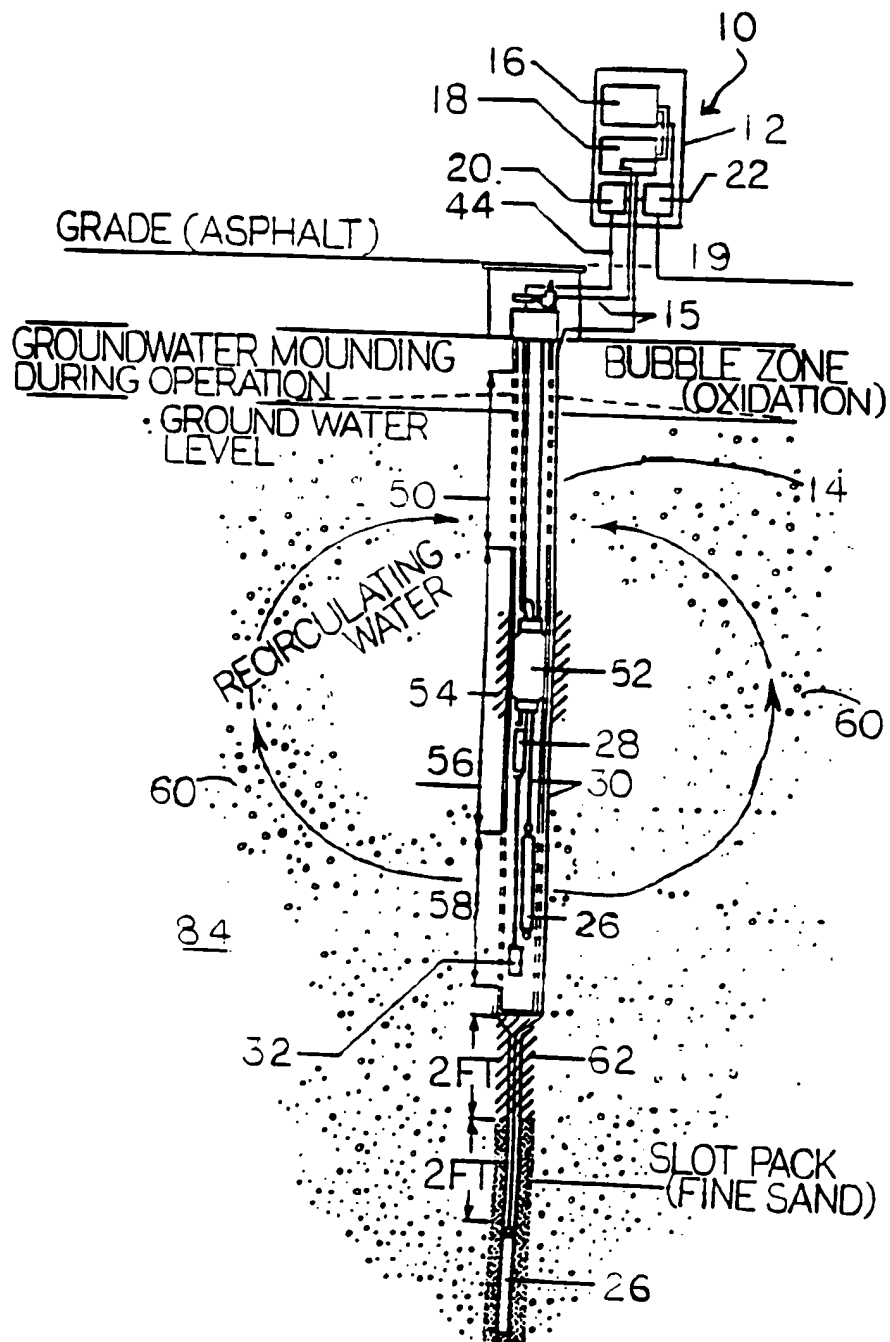


FIG. 13



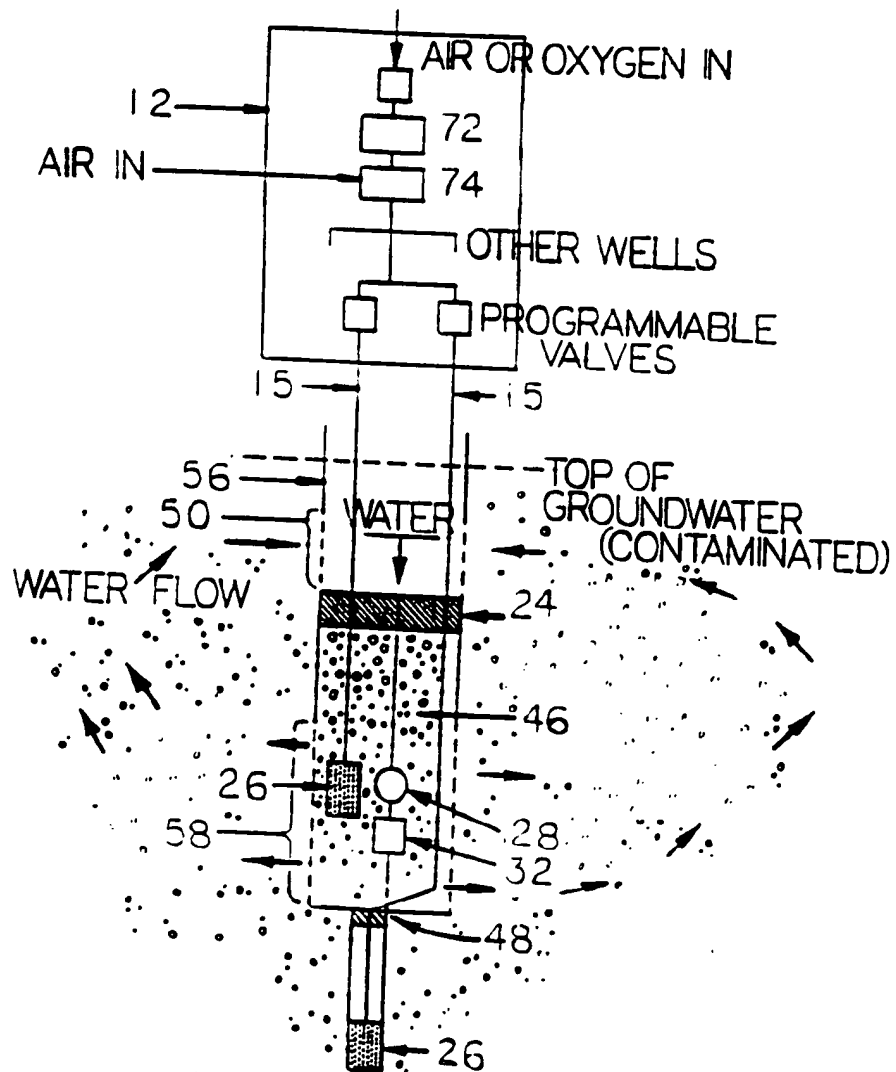


FIG. 2

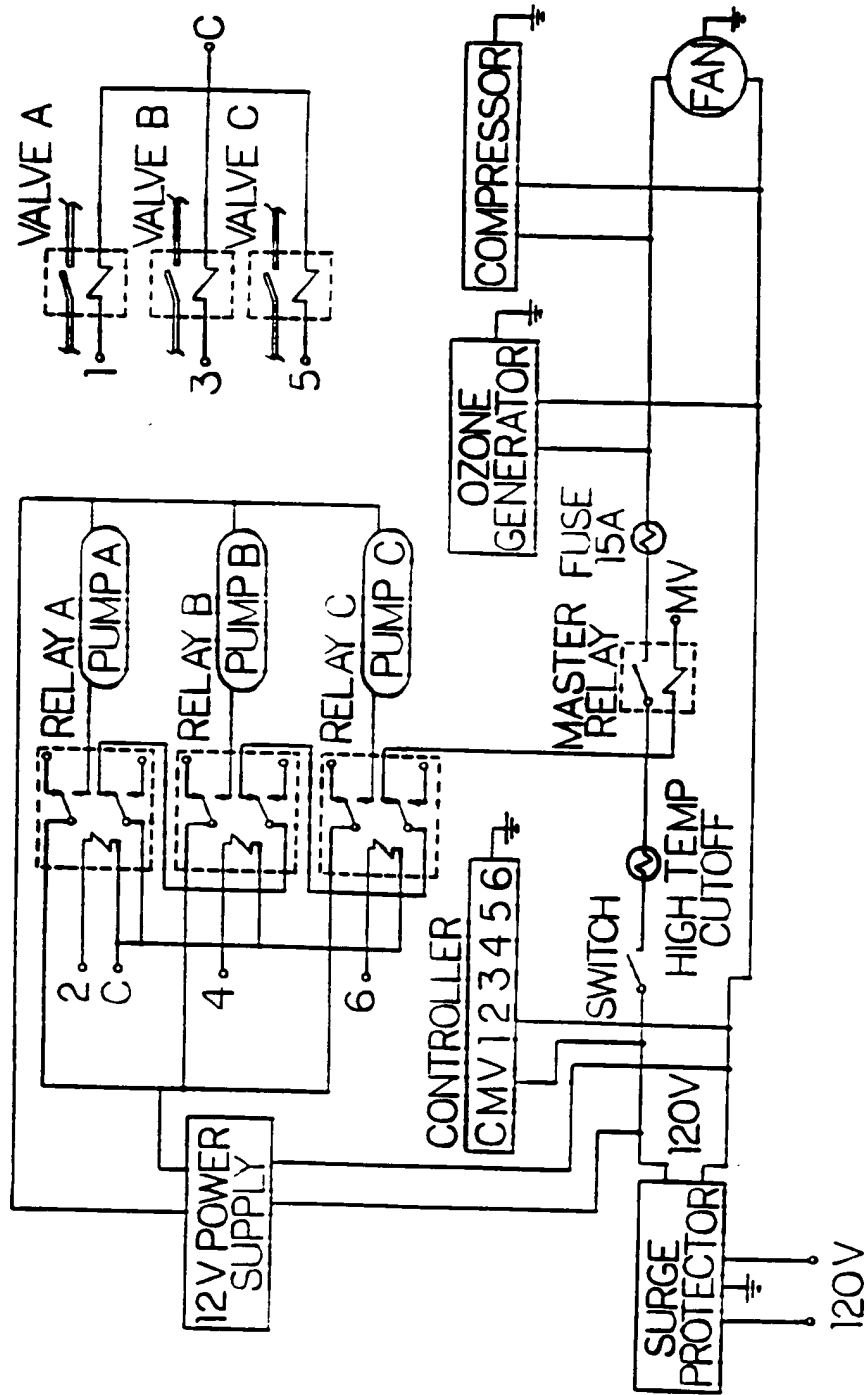
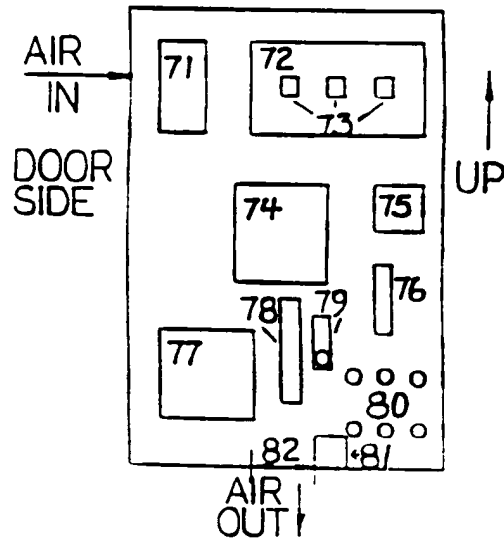


FIG. 3



- 71 AC TO DC POWER CONVERTER (OR TRICKLE CHARGED LEAD ACID BATTERY)
- 72 OZONE GENERATOR
- 73 WELL GAS RELAYS (3 WELLS SHOWN)
- 74 COMPRESSOR
- 75 MASTER RELAY
- 76 15A MAIN FUSE
- 77 PROGRAMMABLE TIMER-CONTROLLER
- 78 POWER STRIP
- 79 GAS REGULATOR AND PRESSURE GAGE
- 80 SOLENOID MANIFOLD (NUMBER DEPENDS ON SERIES AND NUMBER WELLS)
- 81 GROUND FAULT INTERRUPTOR
- 82 COOLING FAN

FIG. 4

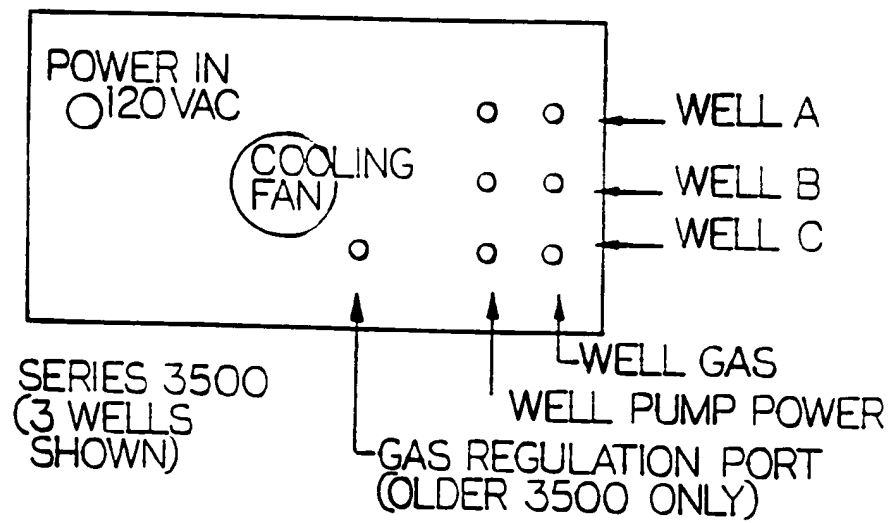


FIG. 5A

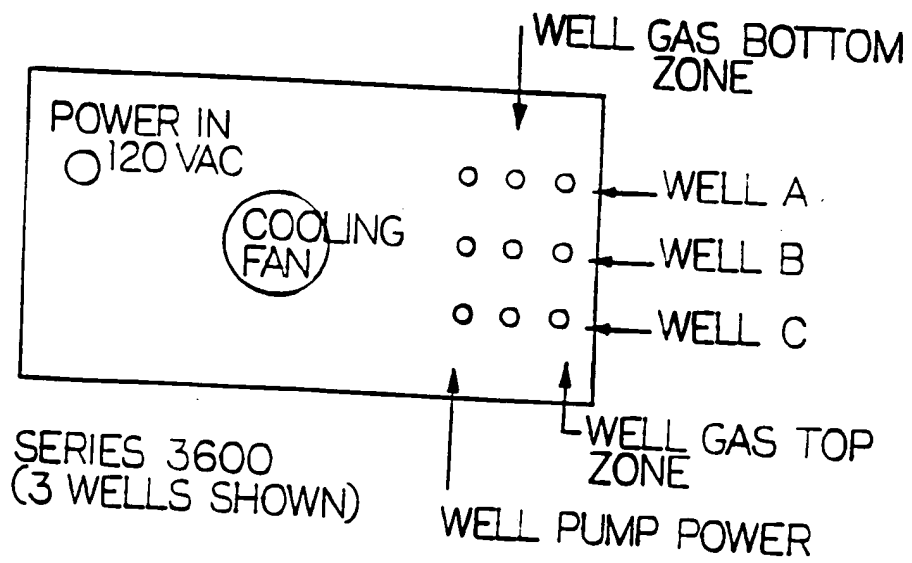


FIG. 5B



$\frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$



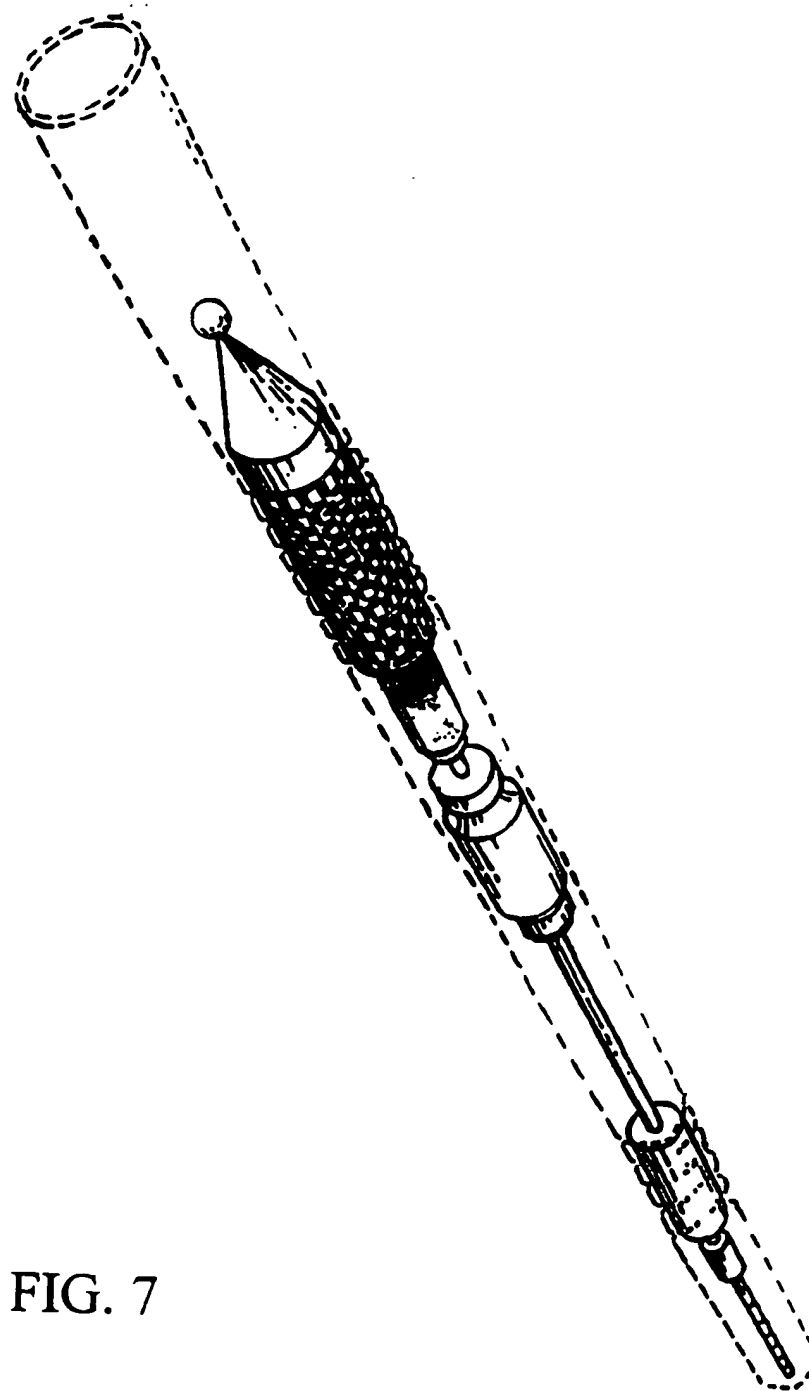


FIG. 7

FIG. 8



FIG. 9

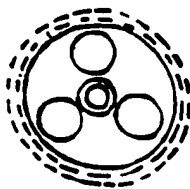


FIG. 10

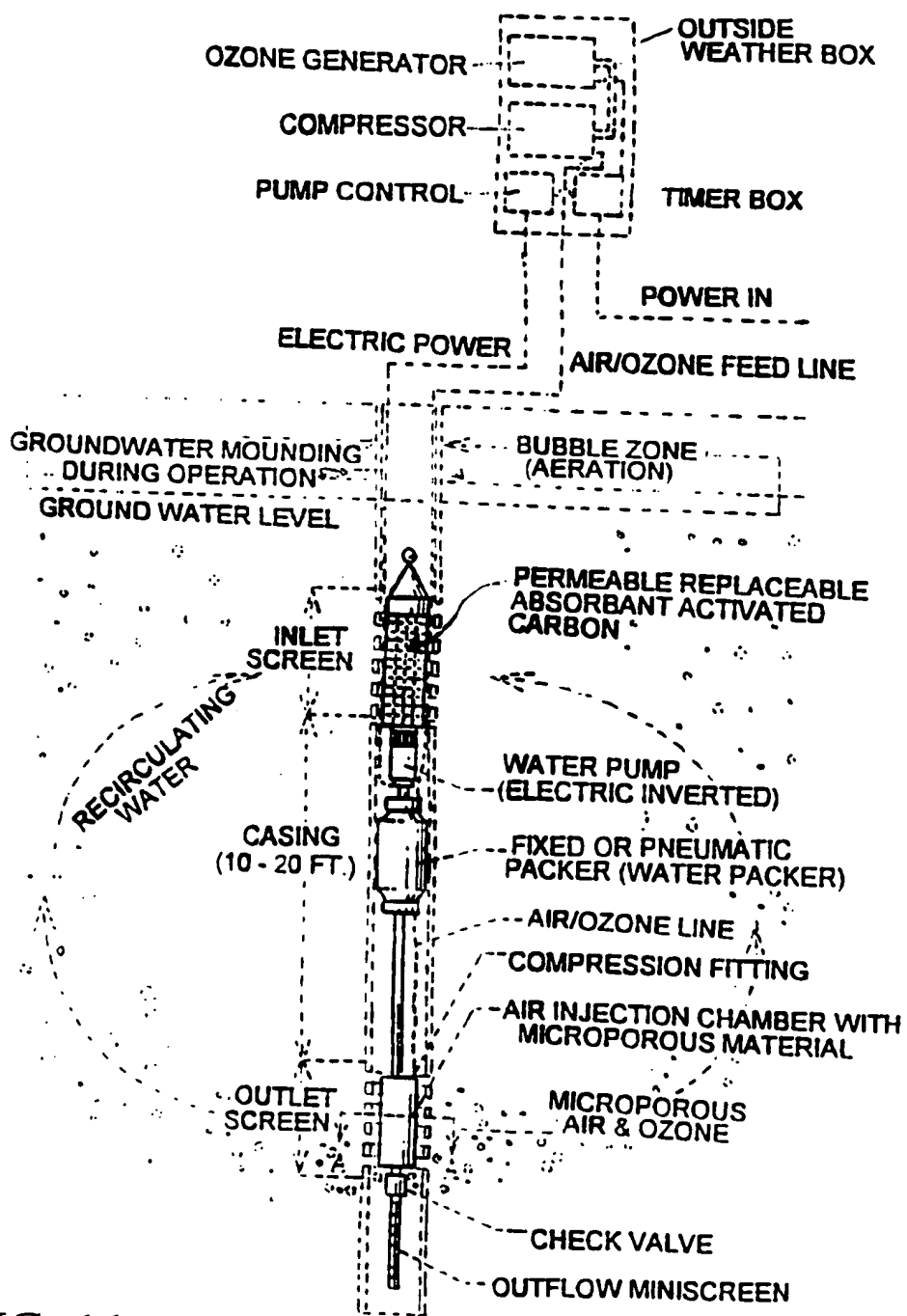


FIG. 11

PASS-THROUGH THREADED MICROPOROUS  
SPARGEPOINT<sup>®</sup> ASSEMBLY  
(ATTACHES TO TUBING BUNDLE)

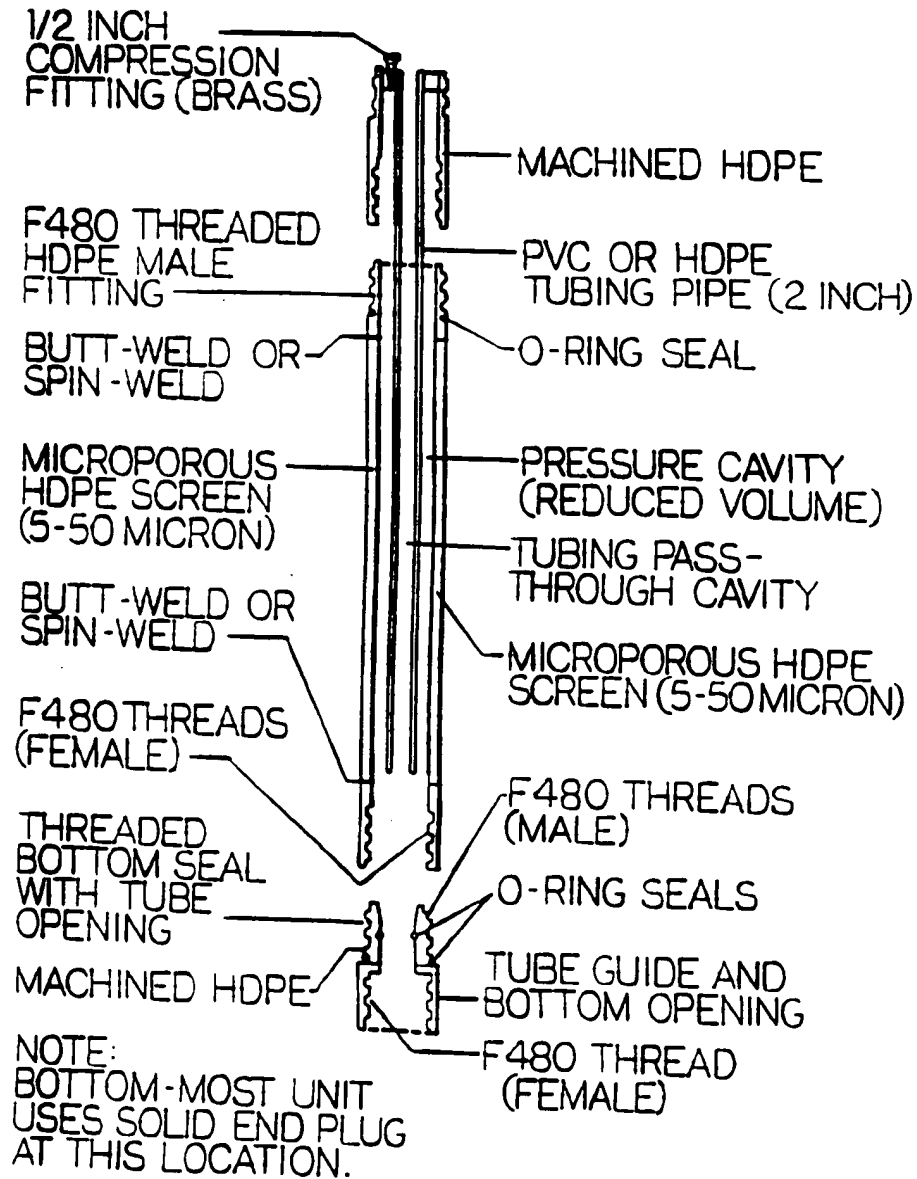


FIG. 12

# 3500 Series    3600 Series CONTROL MODULE

External Power	120V AC, 15 amp	120V AC, 15 amp
Well pumps Power	12V DC, power converter *	12V DC, power converter *
compressor	3/4 hp (not for continuous service)	3/4 hp (continuous OK)
Ozone Generator	ATS-250	VCX-2
Gas tubing	1/4 in.	3/8 in.
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Spargepoint™ Top	1 in.	1 in.
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Water Pump	XP-30ft	XP-30 ft.
Inlet & outlet Screens	10-20 slots/ft	10-20 slots/ft
Check valve water	one, 1/4 in.	one, 1/4 in.
Timer/Controller	PSCZ-600Z	PSCZ-900Z

\* current production, earlier units used a trickle charged lead acid battery

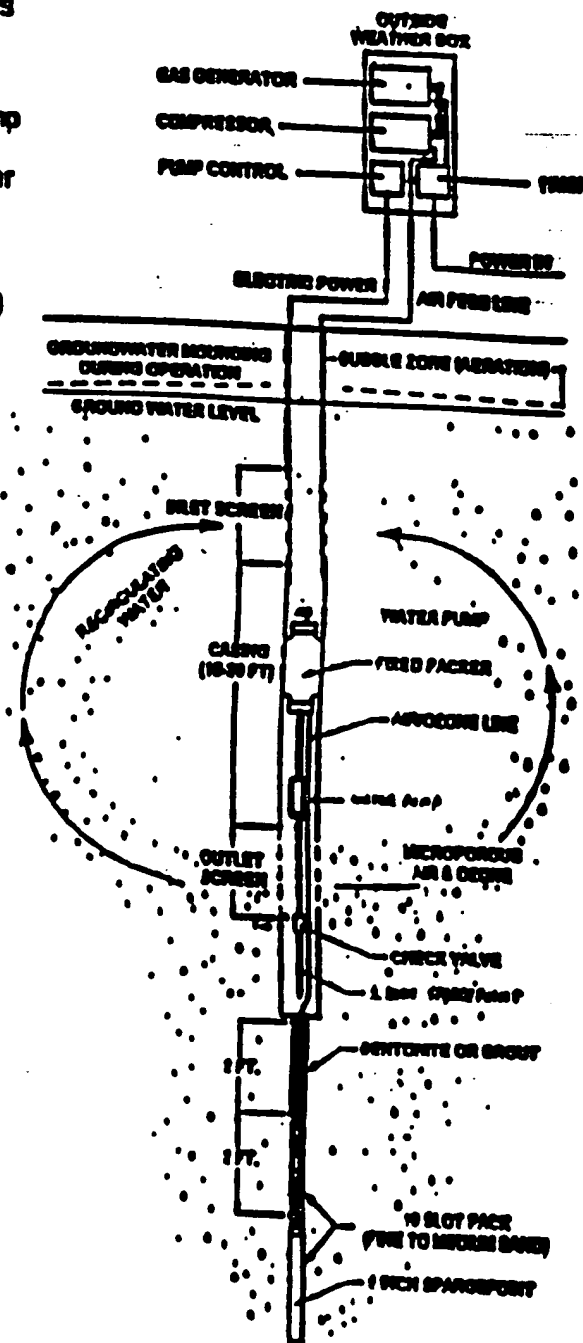


FIG. 13